

LOGVINNOVA, R.V.

*Leyomyoma of the capsule of the solitary kidney. Urol. i nefr.*  
30 no.1:54 Ja.-F '65. (MIRA 12:11)

1. Urologicheskaya klinika (zav. - prof. I.P.Pogorelko [deceased])  
TSentral'nogo instituta uchevershenstvovaniya vrachey na baze  
urologicheskogo oddeleniya Bol'niitsy imeni S.P.Bekkina, Moskva.

LOGVINOVА, R.V.; PEREL'MAN, V.M., kand.med.nauk

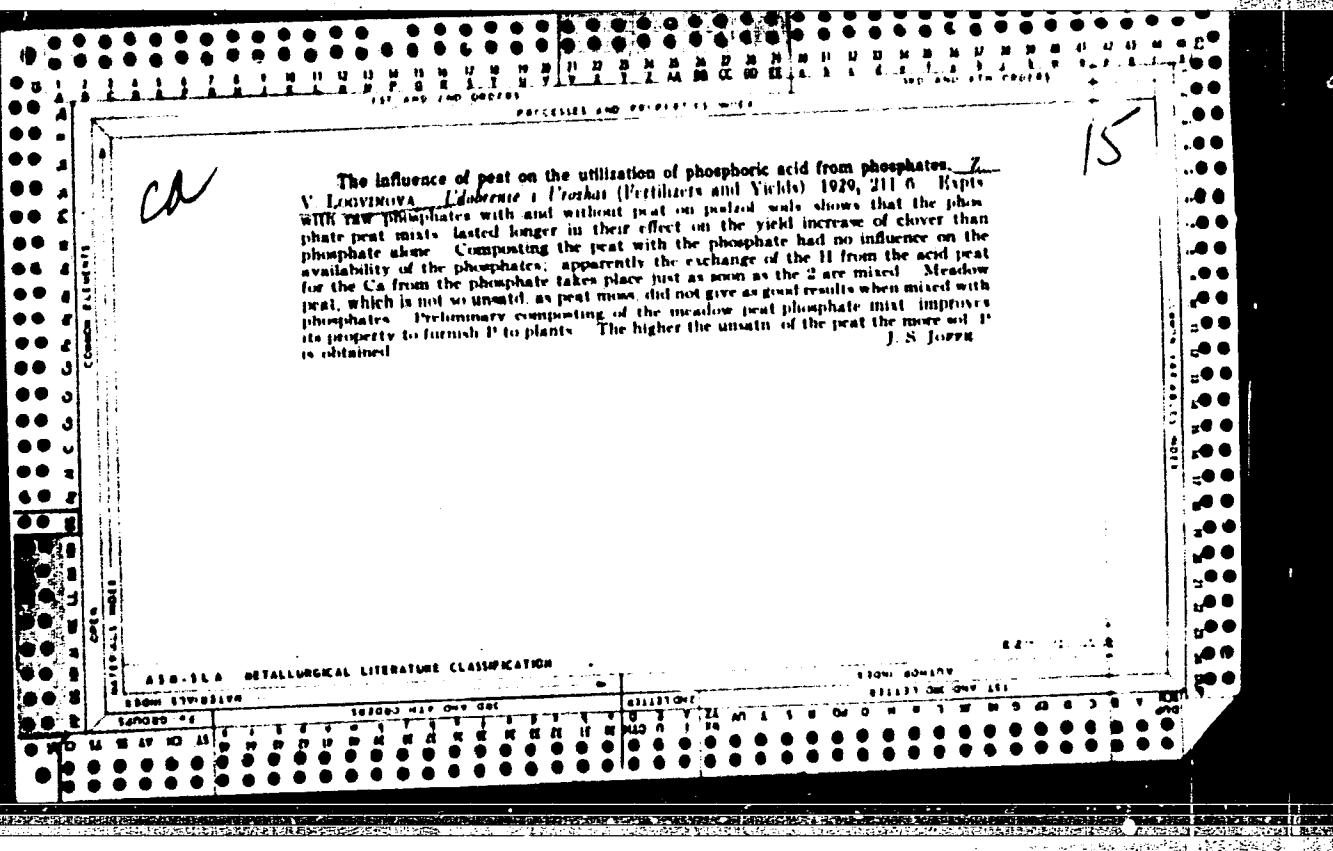
Methodology for radiography of the vena cava. Vest.rent.i rad.  
40 no.5:26-30 S-0 '65. (MIRA 18:12)

1. Kafedra urologii (zav. - prof. I.P.Pogorelko [deceased])  
TSentral'nogo instituta usovershenstvovaniya vrachey i  
1-ya kafedra rentgenologii i radiologii (zav. - prof. S.A.  
Reynberg) na baze bol'nitsy imeni S.P.Botkina, Moskva.

KERKIS, Yu.Ya.; LOGVINNOVA, V.V.

Effect of adrenal gland hormones on the radiosensitivity of the chromosomal apparatus in the epithelial cells of the cornea of mice. Dokl. AN SSSR 152 no.4:992-994 O '63. (MIRA 16:11)

1. Institut tsitologii i genetiki Sibirskogo otdeleniya AN SSSR. Predstavлено академиком Yu.A. Orlovym.

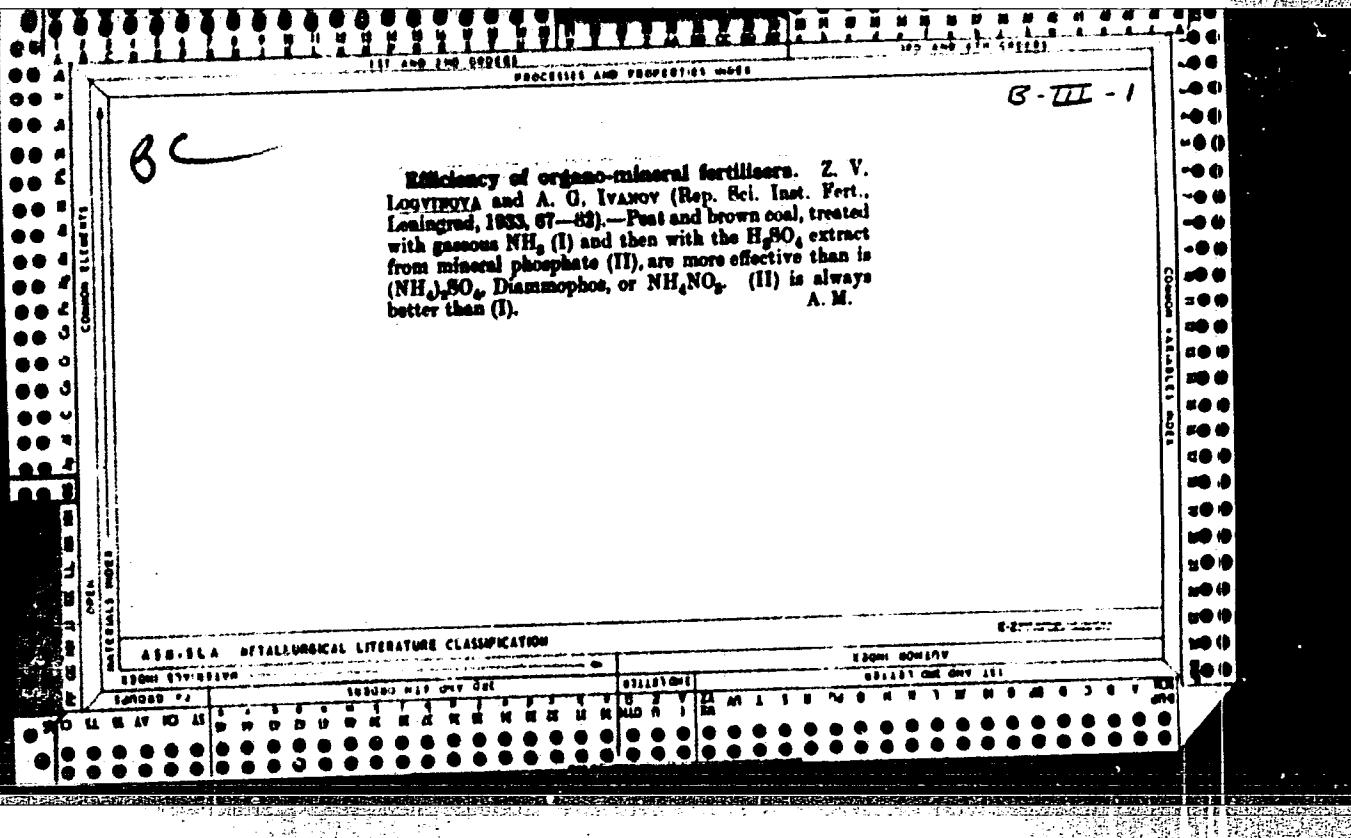


*CH*

15

Organic fertilizers for oats and flax. Z. V. Loovirova and A. P. Sotnikov  
*Udobrente i Treski, (Fertilizers and Crops)* 2, 410 RZ(1958). N sources from meat  
scraps, horn meal, horn shavings, burned horn meal, blood meal, slime from intestines  
feathers and down, oil meal, tobacco dust and wool combings were compared in pot  
expts. with  $\text{NaNO}_3$  and  $(\text{NH}_4)_2\text{SO}_4$  on oats and flax. Two sets of pots with 4.5 kg of  
soil were set up. One set received 0.6 g. N, the other, 1.0 g. All pots received P in the  
form of  $\text{NaHPO}_4$  and K in the form of  $\text{K}_2\text{SO}_4$ . The results with the oats were: the  
meat scrap, horn shavings, burned horn, blood meal, feathers and down and oil meal fell behind  
the mineral N when 0.6 g. of N was added. With the double quantity of N these ma-  
terials were just as efficient as the mineral N. The dried blood, tobacco dust and wool  
combings were far behind the mineral N even when 1.0 g. of N was added. The residual  
effects of the various org. forms of N on the succeeding crop were far superior to those of  
the mineral N. With flax the 0.6 g. of org. N was just as good as the mineral N; with  
the 1.0 g. quantity the org. N was superior to the mineral forms of N. The second crop  
on the flax pots was oats, and since the flax did not utilize the mineral N, it was effective  
on the oats giving higher yields than the residual org. N. The quality of the flax was  
also better with the org. forms of N. J. S. JONES

## APPENDIX A METALLURGICAL LITERATURE CLASSIFICATION



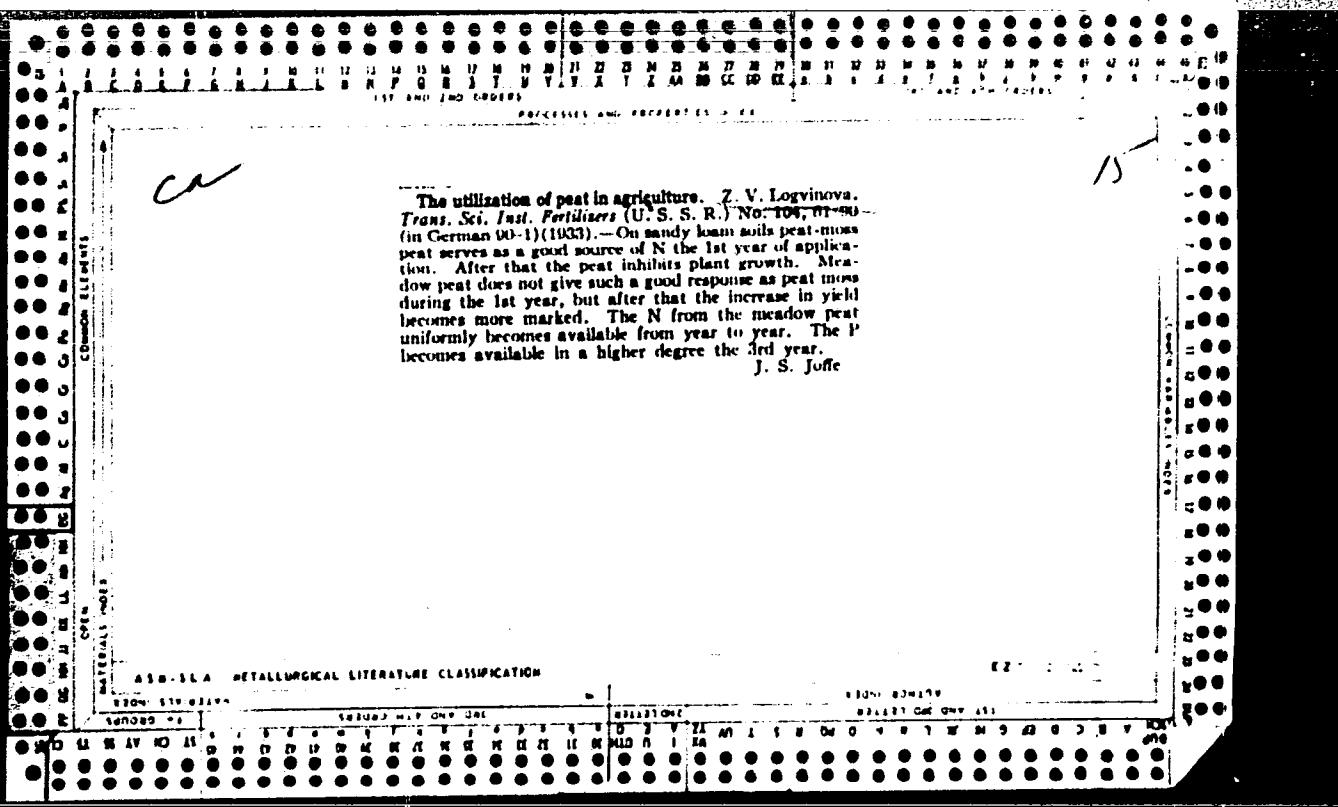
*ca*

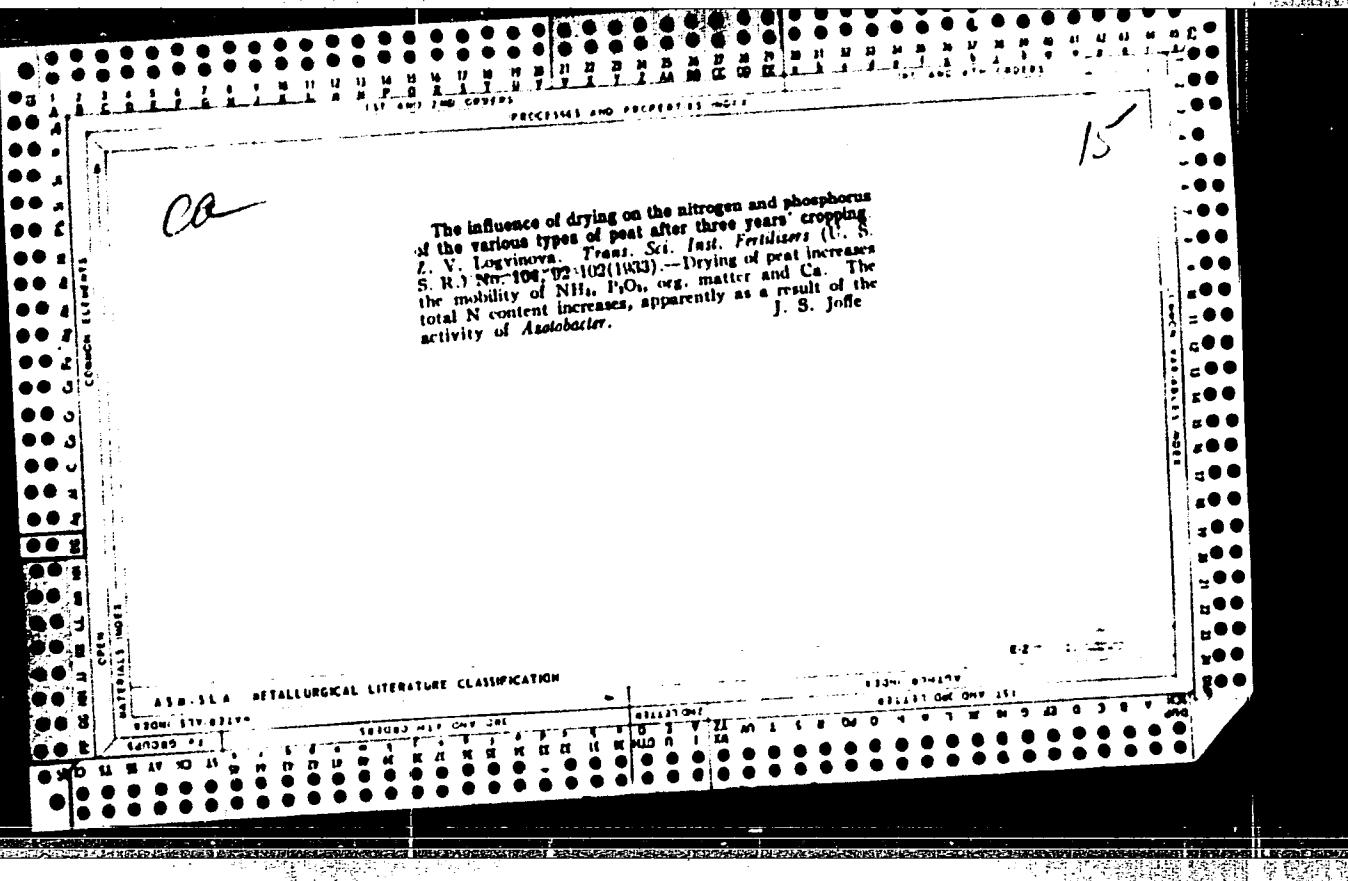
The influence of lime on various peats. Z. V. Logvinova. *Trans. Inst. Fertilizers* (U. S. S. R.) No. 104, p. 101 (in German 1934-1935). Both limestone and hydrated lime proved to be good sources of Ca in treating peat. For most crops the optimum rate of lime is  $\frac{1}{2}$  of the hydrolytic acidity. Such a lime treatment intensifies nitrification, after 11 months 31% of the N in the peat being in the inorg. state. An application of lime above  $\frac{1}{2}$  of the hydrolytic acidity is injurious to a no. of crops. Flax is especially sensitive. The residual effects of lime with and without N-P-K and the quantity necessary to supplement after the 1st year were also investigated. Peat-moss peat, meadow peat and other types do not behave alike toward lime and fertilizer treatments.

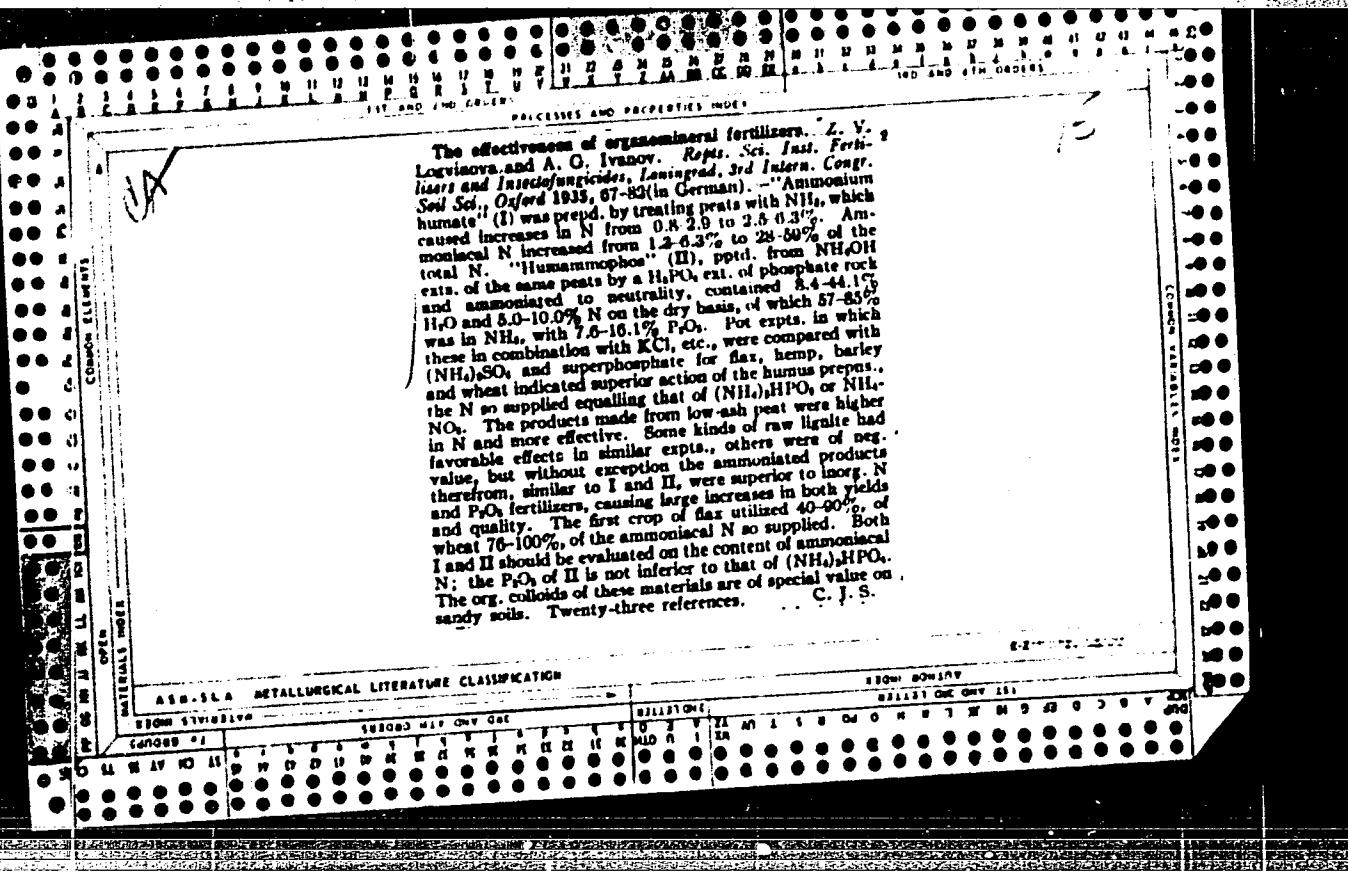
J. S. Joffe

15

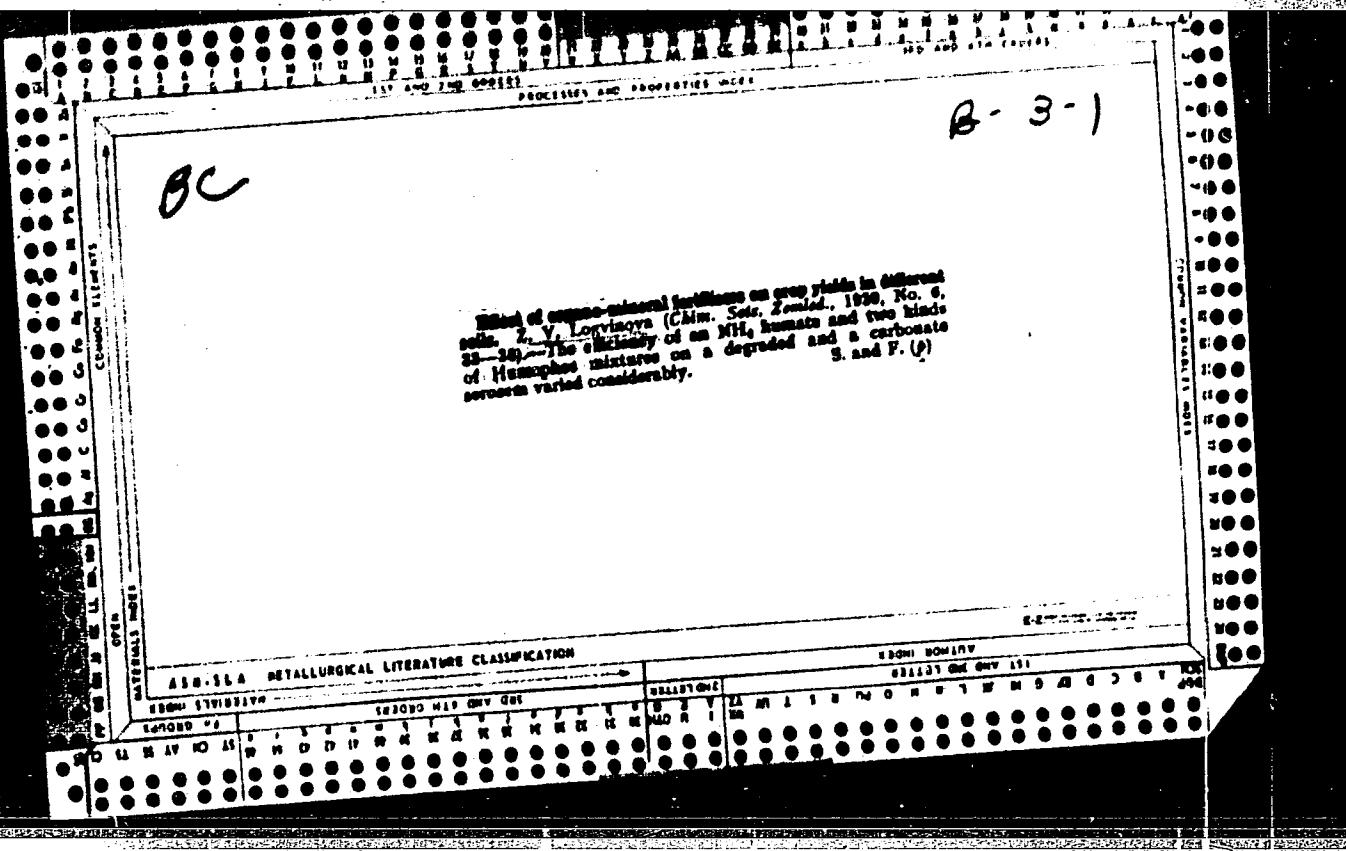
## ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION







The effect of the organic and inorganic fertilizers prepared from peat. Z. V. Logvinova. Mineral'noe i dobreniye. Institut fungsii i gizel'i, 1, No. 5, p. 81 (1930). Fertilizers prep'd by treatment of peat or coal with  $\text{NH}_3$  and  $\text{H}_2\text{PO}_4$  are better than  $(\text{NH}_4)_2\text{SO}_4$  and are better than, or equal to, humic ammonium phosphates and  $\text{NH}_4\text{NO}_3$  because of the presence of the org. substance in peat. They are higher in the total ammonium N when peat low in ash is used. Yield expts. are described. Twenty-three references. A. A. Bochtingk.



CA

Organic fertilizers. Z. V. Logvinova. Nauch. Issl.

*Udorozivaniye i Zashchita Sogrodov* Vol. V. Stroedler 1919  
30, 110 (2000). Akad. Referat. Zhar. 1940, No. 6, 50.  
cf. C. A., 34, 4200. -Methods for preserving manure,  
prepg. artificial manure by composting peat and straw  
and using various varieties of peat for soil dressing are dis-  
cussed.

W. R. Henn

LOGVINNOVA, Z. V.

Works of the Central Peat Experimental Station. (Min. of Agri, RSFSR)

Volume 10, 1940, 136 pages.

"The Agricultural Utilization of peat and Peat Pits," Edited by  
N. S. Rozanov and Z. V. Logvinova.

SO: Botanicheskiy Zhurnal, Vol XXXV, No 1, pp 100-110,  
Jan-Feb 1950, Russian bimo per, Moscow/Leningrad (U-5511  
12 Feb 1954)

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930420007-6

LOGVINOVА, Z.V., Docent - Cand. Agricult. Sci.

Dissertation: "Effect of New Organic-Mineral Fertilizers, Obtained from Peat and Coal, on the Yield of Crops." Sci Inst of Fertilizers and Insectofungicides imeni Ya. V. Samoylov, 26 Sep 47.

SO: Vechernyaya Moskva, Sep, 1947 (Project #17836)

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930420007-6"

LOGVINOVA, Z. V.

Logvinova, Z. V. - "The effect on the plant harvest of new organic-mineral fertilizers obtained from peat and coal", Doklady (Mosk. s.-kh. akad. im. Timiryazeva), Issue 8, 1948 (In index: 1949), p. 120-23.

SO: U-411, 17 July 53, (Letopis 'Zhurnal 'nykh Statey, No. 20, 1949).

LOGVINNOVA, Z. V.

Logvinova, Z. V. - "The phosphoric acid effect of organomineral fertilizers on the plant yield," Doklady (Mosk. s.-kh. akad. im. Timiryazeva), Issue 9, 1949, p. 66-69

SO: U-5240, 17, Dec. 53, (Letopis 'Zhurnal 'nykh Statey, No. 25, 1949).

LOGVINOVA Z.V.

PRYANISHNIKOV, D.N., akademik, 1865-1948; KEDROV-ZIKHMAN, O.K., akademik,  
redaktor; PETERBURGSKIY, A.V., dotsent; LOGVINOVA, Z.V., dotsent;  
IVANOV, V.P., redaktor; YEDOTOVA, A.F., tekhnicheskiy redaktor.

[Selected works in three volumes] Izbrannye sochineniya v trekh  
tomakh. Vol. 3. [Agricultural chemistry] Khimizatsiya sel'skogo  
khoziaistva. Moskva, Gos. izd-vo selkhoz. lit-ry, 1953. 686 p.  
(Agricultural chemistry) (MLRA 7:11)

LOGVINOVICH, D. N.

Logvinovich, D. N. - "Feeding the cod in the Sea of Okhotsk on the western shores of Kamchatka", Izvestiya Tikhookean. nauch.-issled. in-ta ryc. khoz-va i okeanografii, Vol. XXIX, 1949, p. 139-58, - bibliog: 26 items.

SO: U-4110, 17 July 53, (Letopis 'Zhurnal 'nykh Statey, No. 19, 1949).

LOGVINOVICH, D.M.

Effect of salinity of food objects on the nutrition and growth of  
larvae and fry of the Don bream and pike perch. Trudy VNIIRO 31  
no. 2:85-96 '55. (MLRA 9:8)

1. Azovsko-Chernomorskiy nauchno-issledovatel'skiy institut rybnogo  
khozyaystva i okeanografii.  
(Azov, Sea of--Fishes)

LOGVINOVICH, D.N.

Studying the biology of the anchovy and sardine of the Sea of Azov. Soob.AN Gruz.SSR 21 no.5:583-590 N '58.

(MIRA 12:5)

1. Nauchno-issledovatel'skaya rybokhozyaystvennaya stantsiya, Batumi. Predstavлено членом-корреспондентом Академии Л.П. Кalandadze.

(Azov, Sea of--Sardines)

(Azov, Sea of--Anchovies)

TKACHEVA, K.S.; MAYCROVA, A.A.; LOGVINOVICH, D.N.

Biology and fisheries of the bonito in the Black Sea. Trudy  
Azcherniro no.18:101-117 '60. (MIRA 14:10)  
(Black Sea---Bonito)

LOGVINOVICH, E.G., inzh.; FINKEL', G.N., inzh.

Permissible size deviations in docking ships. Sinostrenie  
24 no.12:41-45 D '58. (MIRA 12:2)

(Ships) (Docks)

LOGVINOVICH, E.G., inzh.; FINKEL', G.N., inzh.

Reception of slipways in docks. Sudostroenie 25 no.1:49-52  
N '59. (MIRA 13:4)  
(Ships--Maintenance and repair) (Dry docks)

LOGVINOVICH, E.G., inzh.

Combination ships for transporting ore and petroleum. Sudostroenie  
25 no.5:54-61 My '59.  
(Freighters) (Tank vessels)

(MIRA 12:8)

LOGVINOVICH, E.G., inzh.

Swedish shipbuilding industry. Sudostroenie 26 no.9:68-73 S'60.

(MIRA 13:10)

(Sweden--Shipbuilding)

LOGVINOVICH, E.G.

Choosing the design of a ship for carrying bulk freight. Trudy  
TSNIIMF 7 no.36:42-56 '61. (MIRA 15:3)  
(Freighters)

LOGVINOVICH, E.G.

Trends in the improvement of ore carriers. Trudy TSMIIMF 7  
no.36:57-68 '61. (MIRA 15:3)  
(Freighters)

LOGVINOVICH, E.G.

Changing operational and economic indices in varying the structural features of ships. Trudy TSNIIMF no.45:45-55 '63.  
(MIRA 16:9)

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930420007-6

LOGVINOVICH, E.G., inzh.

Determining the empty weight of a ship by its deadweight. Sudostroenie  
29 no.10:11-13 O '63. (MIRA 16:12)

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930420007-6"

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930420007-6

LOGVINOVICH, E.G.; BRIKER, F.Yu.; DEGTEVA, S.F.; TSYGANKOVA, B.I.

Operational and economic efficiency of heavy-tonnage tankers.  
Trudy TSMIIMF 54:39-53 '64 (MIRA 18:1)

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930420007-6"

L 10y23-07

ACC NR AR6034796 (v) SOURCE CODE: UR/0398/66/000/008/A003/A003

12

AUTHOR: Logvinovich, E. G.; Briker, F. Yu.; Moreynis, F. A.

TITLE: Selection of basic characteristics for a cargo ship designed for service on the waterway connecting the Black and Baltic Seas

SOURCE: Ref. zh. Vodnyy transport, Abs. 8A17

REF SOURCE: Tr. Tsentr. n.-i. in-ta morsk. flota, vyp. 67, 1965, 56-79

TOPIC TAGS: inland waterway, cargo ship, ship component, ship characteristic

ABSTRACT: Cargo ships for service on the waterway connecting the Black and Baltic Seas are designed for transporting ore, fertilizer, and metals. The ships must meet the navigation requirements for sea basins, rivers, and canals. The length and width of ships, height of sides, and coefficient of submerged parts are selected according to these requirements. The hull design and distribution of holds are determined by the nature of cargoes transported. Models are tested in the basin of the Leningrad Water Transportation Institute (LIVT) and serve as the basis for determining the speed and power of the main engines. The weight load, stability, and rolling of the ship are analyzed, providing technical characteristics in the first

Card 1/2

UDC: 629.12.001.2

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930420007-6

L 10923-67

ACC NR: AR6034796

approximation for a ship for combined sea and river navigation. Orig. art. has:  
6 figures. Bibliography of 9 titles. Ye. Sukacheva. [Translation of abstract]

SUB CODE: 13/

Card 2/2 bxp

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930420007-6"

LOGVINOVICH, G. V. (Moscow)

"Flows with a Developed Cavitation."

report presented at the First All-Union Congress on Theoretical and Applied  
Mechanics, Moscow, 27 Jan - 3 Feb 1960.

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930420007-6

LOGVINOVICH, G.V. (Moscow)

"Cavity flow lifts"

report presented at the 2nd All-Union Congress on Theoretical and Applied Mechanics, Moscow, 29 Jan - 5 Feb 64.

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930420007-6"

L 56508-65 EMT(1)/ENP(m)/EWA(1) Pd-1

ACCESSION NR: APS016260

DP-0258/65/005/003/0399/0406

532.528

21  
B

AUTHOR: Logvinovich, G. V. (Moscow)

TITLE: Lifting forces during cavitation

SOURCE: Inzhenernyy zhurnal, v. 5, no. 3, 1965, 399-406

TOPIC TAGS: cavitation, lifting force, V shaped profile, noncavitation profile, cavitating profile, hydrofoil

ABSTRACT: General rules are derived for the relationship between lifting forces acting on cavitating bodies and the deformations of axisymmetrical cavities, assuming an ideal fluid and smooth cavities. As a derived formula shows, the appearance of a lifting force on an inclined disk requires its cavity's middle section to be V-shaped. Based on the Bobylev drag criterion, the lifting force of a maximum-non-cavitating V-shaped profile is:

$$W_{\text{max}} = C_{\text{drag}} h \frac{\rho V^2}{2}$$

Card 1/B

LARSON-65

APPROVAL NR. AP5016260

where

$$C_{u \text{ max}} = \frac{8}{\pi} \mu \left( 1 - \frac{4}{\pi} \mu \right)$$

$\mu = 1/2$  taper of V-profile,  $b$  = chord,  $\rho$  = density of fluid, and  $V_0$  = flow velocity. The lifting force on a cavitating thin-profile foil, applying Seidov's theory, is

$$W_v = 2\pi b \frac{\rho V_0^2}{2} (\alpha + \alpha_1).$$

$$\alpha_1 = - \frac{1}{\pi} \int_0^1 f(t) \sqrt{\frac{1+t}{1-t}} dt,$$

$t = 2x/b$ , and the equation of the profile center line is  $y_1 = f(x_1)$ . The theory of V-shaped cavitating profiles is applicable to all cases of flow separation on thin profiles; for low angles of attack  $\beta$ ,

$$W_v = \frac{\pi}{2} b \frac{\rho V_0^2}{2}$$

Card 2/5

L 56503-65

ACCESSION NR: AP5016260

and

$$W_x = \frac{\pi}{2} \theta^2 \frac{\rho V_e^2}{2}$$

0

are obtained. A plate in a streamlined flow can be considered a deformable V-shaped profile, the upper surface rising with increasing  $\theta$  in such a way that the effective angle of attack  $\alpha + \alpha_1$  increases four times slower than  $\theta$ . An infinite cavity increases the induced downwash in the center line of a finite-span foil. The approach of the hydrofoil to the free surface increases the induced downwash and decreases the lift coefficient. The approach of a profile with flow separation to the free surface is, according to G. Kryukov, characterized by the function

$$x_s \approx 1 + \frac{1}{1 + 3.3\sqrt{\delta}},$$

where with a not too small submersion  $h$  the relative water-channel thickness above the hydrofoil  $\delta$  can be replaced by  $\delta = h/b$ . Experimental data for a V-shaped profile and a profile with flow separation are shown in two graphs (see Figs. 1 and 2 of the Enclosure), where for different  $h/b$  values the lift coefficient  $C_y$  is plotted against  $\alpha$  or  $\theta$ , respectively. Orig. art. has: 7 formulas, 6 figures, and 2 tables.

[GE]

Card 3/5

LOGVINOVICH-MILLER, N.G.

Modifications in the cornea is resection of its sensory nerves. Uchen.  
zapiski vtor. moskov. med. Inst. Stalina Vol 2:210-212 1951. (CML 21:4)

1. Assistant. 2. Department of Histology (Head--Honored Worker in  
Science Prof. G.K. Khrushchev).

LOGVINSKIY, G. B.

LOGVINSKIY, G. B. "Tetanus following frostbite and burns", In indez: Logvinskiy, G. V.,  
Trudy Kishinevsk. gos. med. inta, Vol. 1, 1949, p. 13335.

SO: U-3261, 10 April 53 (Letopis - Zhurnal 'nykh Statey No. 11, 1949)

LCCVINSKIY, Ya. A. Engineer-Major

"Investigation of the Quality of Automatic Voltage Regulation in Low-Power Electric Stations." Thesis for degree of Cand. Technical Sci. Sub 12 Dec 50, Military Red Banner Engineering Academy imeni V. V. Kuybyshev.

[redacted] Summary 71, 4 Sep 52, Dissertations Presented for Degrees in Science and Engineering in Moscow in 1950. From Vechernaya Moskva, Jan-Dec. 1950.

L OHS13-67 ENT(m)/r FEB/WS/CD

ACC NR: AT6015200 (A,N) SOURCE CODE: UR/0000/66/000/000/0096/0098

AUTHOR: Borisov, V. D.; Gogitidze, L. D.; Logvinyuk, V. P.; Makarenkov, V. V.; Malyshov, V. V.; Panchenkov, G. M.; Yakovlevskiy, V. V.

14

P1

ORG: none

TITLE: Apparatus for determining the amount of gas dissolved in a liquid

SOURCE: Metody otsenki ekspluatatsionnykh svoystv reaktivnykh topliv i smazochnykh materialov (Methods for the performance evaluation of jet propellants and lubricants). Moscow, Izd-vo Mashinostroyeniye, 1966, 96-98

TOPIC TAGS: gas analysis, gas analyzer, solubility, petroleum fuel,  
Liquid PropertyABSTRACT: A simple apparatus for determining the amount of gas dissolved in a liquid was designed so that it could be used as a gas pipette for VTI, Orsat or other gas analyzers. A special feature of the apparatus (see Fig. 1) is the use of an elastic membrane to equalize the pressure between the measuring burette and the surrounding space, and measurement of the volume of liberated gases at different pressures and temperatures. A deviation of 3.5% was found in the measurement of gases separated from a hydrocarbon fuel. Water and other liquids may be used in the determinations. Orig. art. has: 1 table and 1 figure.

Card 1/2

UDC: 662.753.22:629.13.001.4

313-57

ACC NR: AT6015200

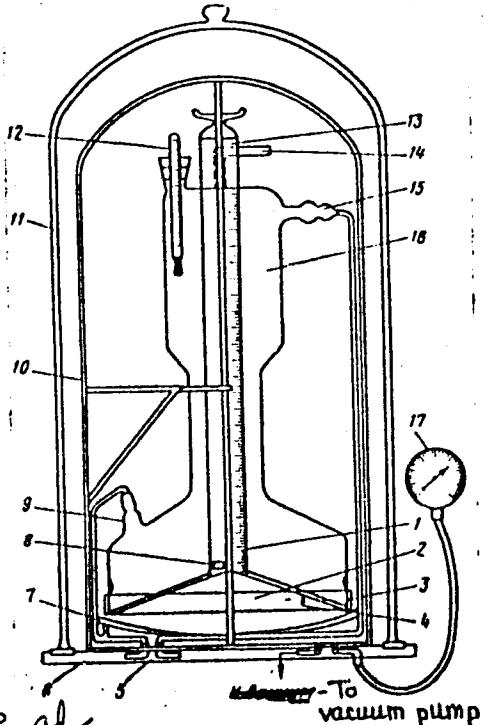


Fig. 1. Diagram of apparatus for determining amount of gas dissolved in liquid: 1--measuring burette, 2--conical funnel, 3--clamp, 4--elastic membrane (double line designates cross section of funnel 2 with membrane lying on it), 5--connector for feeding thermostatic liquid or gas to pressure chamber, 6--base, 7--lower heat shield, 8--activator, 9--connector for feeding gas or liquid, 10--housing, 11--vacuum jar, 12--thermometer, 13--ground glass stopper, 14--channel, 15--connector for withdrawing gas or liquid, 16--housing, 17--vacuum gage.

SUB CODE: 21, 14/ SUBM DATE:  
10Dec65

L 02299-67 EWT(m)/T FDN/WE/GD

ACC NR: AT6015199 ('A,N')

SOURCE CODE: UR/0000/66/000/000/0087/0095

AUTHOR: Gogitidze, L. D.; Logvinyuk, V. P.; Makarenkov, V. V.; b6  
Malyshev, V. V.; Panchenkov, G. M.; Yakovlevskiy, V. V. b1B+1

ORG: none

TITLE: Determining nonstationary solubility of gas in hydrocarbon fuels

SOURCE: Metody otseinki ekspluatatsionnykh svoystv reaktivnykh topliv i smazochnykh materialov (Methods for the performance evaluation of jet propellants and lubricants). Moscow, Izd-vo Mashinostroyeniye, 1966, 87-95

TOPIC TAGS: petroleum fuel, fuel property, solubility, diffused gas, applied mathematics, aircraft fuel tank

ABSTRACT: A simple method was worked out and equipment was designed for determining the solubility and the diffusion coefficient of a gas in liquid under nonstationary conditions. This involves direct measurement of the volume of gas dissolved in the liquid (see Fig. 1). Conditions approximate those in the wing tanks of heavy subsonic aircraft. Equations given for calculating the nonstationary solubility of gas in a liquid enable one to calculate the gas concentration according to the

Card 1/3

UDC: 662.753.22:629.13.001.4

L 02299-67

ACC NR: AT6015199

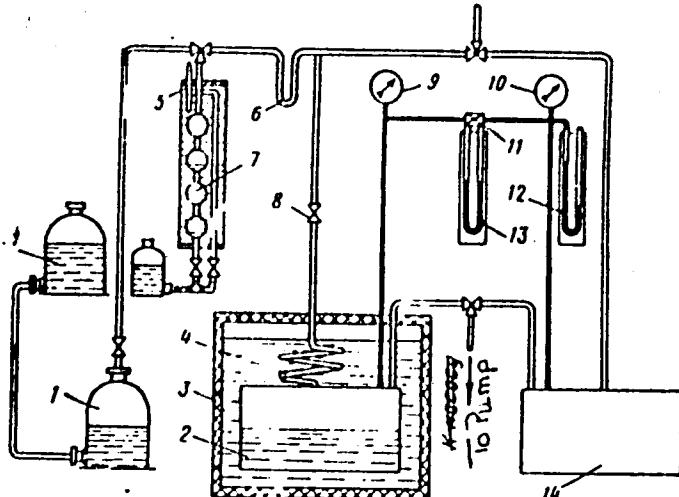
depth of the fuel layer and to calculate the total amount of dissolved gas at any time. "....experimental points (showing solubility of CO<sub>2</sub> in hydrocarbon fuel) were provided by Tikhonov, N. I., Vinogradov, Yu. V., and Morozov-Rostovsk, N. V." Orig. art. has: 6 figures and 15 equations.

3

Card 2/3

02299-67

ACC NR: AT6015199



2

Fig. 1. Diagram of apparatus for determining diffusion coefficient and solubility of gases in fuel: 1--reservoir for storing and delivering gas to be studied, 2--diffusion tank, 3--thermostat, 4--coil, 5--thermometer, 6--dryer for gas, 7--gas measuring burette VTI-2, 8--needle valve, 9, 10--vacuum gauge, 11--4-way cock, 12--mercury piezometer, 13--slanted water piezometer, 14--calibrated tank.

SUB CODE: 21, 14 / SUBM DATE: 10Dec65 / ORIG REF: 005  
Card 373 vmb

LOGVINYUK, Ye. I. Cand Biol Sci -- (diss) "The Effect of Certain Protein and Mineral Substances <sup>up</sup> on the Viability and Productivity of the Oak Silkworm." Odessa, 1956. 15 pp 20 cm. (Odessa State Univ im I. M. Mechnikov), 100 copies (KL, 28-57, 110)

- 12 -

Logvinyuk, Ye. I.  
USSR / Farm Animals. Silkworm.

Q

Abs Jour: Ref Zhur-Biol., No 9, 1958, 40573.

Author : Logvinyuk, E. I.

Inst : Not given.

Title : The Influence of Protein and Mineral Substances  
on the Productivity of the Oak-Feeding Silkworm.

Orig Pub: Kolgospnik Ukrainskii, 1956, No 12, 26.

Abstract: The supplementation of the feeds of oak-feeding silkworm by a 10% solution of skim milk during the spring-summer period, and by a 1% solution of the same in the autumn, considerably lowers the morbidity of the larvae, increases their weight and that of the cocoons and silk, shortens the period of feeding, increases the amount of the feed consumed and aids the digestion and

Card 1/2

USSR / Farm Animals. Silkworm.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930420007-6"

Abstract: better assimilation of nutrient substances. The same indexes were also achieved in the feed supplementation of the larvae with 0.01% solution of CuCO<sub>3</sub> KI; besides, the length of the silk thread increased and the unwinding cocoons improved.

Card 2/2

79

Country : USSR Q  
CATEGORY : Farm Animals. Silkworm  
ABSTRACT JOUR. : RZBiol., No. 12 1953, No. 5676  
AUTHOR : Lervinyuk, G.I.  
INST. : Kiev State Pedagogical Institute  
TITLE : Utilization of Labeled Isotopes for the Study of Metabolism in the Oak-Feeding Silkworm  
ORIG. PUB. : Nauk. zap. Nauk. derzh. ped. in-t, 1957, 25,  
203-205  
ABSTRACT : The leaves which served to rear the larvae were sprinkled with 10% solution of skim milk and 0.01% solutions of KI or CuCO<sub>3</sub>. To determine the intensity of metabolism, the experimental larvae of stage V and 7-8 day old pupae were injected 1.2% of radioactive solution of glycine with a ratio of 10,000 impulses per 1 g. of larval weight. Three hours after the introduction of glycine the insects were prepared, and after appropriate treat-  
\* mg.  
CARD: 1/3

Q  
C  
M : USSR  
C  
RY : Farm Animals. Silkworm  
C  
OUR. : RZBiol., No. 13 1958, No. 59670

ORIG. :  
A.T. :  
FILE :

ORIG. PUB. :

ABSTRACT cont'd. : ment (the technique is described) the radioactivity of various organs and tissues was determined. If the larvae were fed the milk solution, radioactivity of the hemolymph was almost twice and that of the silk gland and adipose body 1½ times higher than in the control larvae. The solutions of KI and CuCO<sub>3</sub> stimulate metabolism less, but the radioactivity of the adipose body, hemolymph, and

CARD: 2/3

Q - 89

Country : USSR Q  
CATEGORY : Farm Animals. Silkworm  
ABS. JOUR. : RZBiol., No. 13 1956, No. 59670  
AUTHOR :  
INST. :  
TITLE :  
  
ORIG. PUB. :  
  
ABSTRACT : especially of silk gland in the experimental  
cont'd. larvae, was higher than in the controls.  
A much lesser amount of labeled glycine was  
found in the pupae; nevertheless, the radio-  
activity of the experimental pupae was al-  
most as high as in the controls, which per-  
mits to assume that the preparations used  
considerably activate the metabolism in the  
silkworm and increase its production capa-  
city.-- V.M.Popovskaya.

CARD: 3/3

DYLEWSKI, Benedykt; KUZNIARSKA, Krystyna; PRZESMYCKA, Sabina; BARTOSZEWCZ,  
Karol; WLODARSKI, Bronislaw; SEMCZUK, Boleslaw; GORALSKA, Krystyna;  
LOGWINIENKO, Hanna; WISLOCKA, Helena

Conditions of the upper respiratory tract and ears in patients  
with pulmonary tuberculosis. Otolaryngologia Polska 14 no.3:311-319 '60.

1. Z Kliniki Otolaryngologicznej A.M. w Lublinie, Kierownik: prof.  
dr B.Dylewski.

(TUBERCULOSIS pulmonary pathol)

(EAR pathol)

(RESPIRATORY SYSTEM pathol)

L C G - 6012076 MA 038

JAKUSZEWSKI, B.  
Bjartek (in case); Given Name

Country: Poland

Academic Degrees: Not stated

Affiliation: Department of Physical Chemistry, Łódź University  
(Zakład Chemii Fizycznej, Uniwersytet Łódzki)

Source: Warsaw, Bulletin de l'Academie Polonaise des  
Sciences, Crédit des Sciences Chirurgiques, Vol 9,  
No 3, Mar 61, pp 127-132.

Data: "Thermochemical Properties of Electrolytes in  
Methanol Solutions, I."

Co-authors:

TANIEWSKA-OSIŃSKA, S., Academic degrees not stated, Department  
of Physical Chemistry, Łódź University (Zakład Chemii  
Fizycznej, Uniwersytet Łódzki)

LOGVINENKO, B., Academic degree not stated, Department of  
Physical Chemistry, Łódź University (Zakład Chemii  
Fizycznej, Uniwersytet Łódzki).

JAKISZEWSKI, B.; TANIEWSKA-OSINSKA, S.; LOGWINIENKO, R.

Thermochemical properties of electrolytes in methanol solutions.  
Bul chim PAN 9 no.3:127-132 '61.

1. Department of Physical Chemistry, University, Lodz. Presented  
by W. Swietoslawski.

(Electrolytes) (Methanol) (Solutions)

KOLORZ, A.; LOMBORG, K.;

Interface reaction between liquid cast iron and molding material  
with special regard to carbonaceous additions to the molding sand.  
Slevarenstvi 11 no.8/9:374-382 Ag '63.

1. Institut fur Giessereitechnik, Dusseldorf.

ACCESSION NR: AT4016459

P/2508/63/013/003/0213/0219

AUTHOR: Lohczyk-Krolikiewicz, I. (Krakow)

TITLE: Certain evaluations of solutions of Fourier problems relating to  
the equation of the parabolic type

SOURCE: Polska akademia nauk. Instytut matematyczny. Annales mathematici  
(Polish mathematical annals), v. 13, no. 3, 1963, 213-219 /polonici/

TOPIC TAGS: evaluation of solution, Fourier problem, constant positive  
number, domain

ABSTRACT: The paper makes certain evaluations of solutions of Fourier problems  
under the hypothesis that these solutions belong to class  $E_2$  ( $a > 0$ : a class  
of functions  $f(x)$  having the property that two constant positive numbers  
 $M$  and  $K$  exist such that  $|f(x)| \leq M \exp K/x/a$  in a domain  $D$ ) and are regular  
(i.e. admit of derivatives of the first and second orders with respect to the  
variables  $x_1, x_2, \dots, x_n$ , and of the first order with respect to  $t$ 's  
continuous at the interior points of  $D$ , are continuous in the closure  $\bar{D}$  of

Card 1/2

ACCESSION NR: AT4016459

domain D, and, on the lateral surface of D, admit of a derivative  $du/dl$ , where l is a semi-straight line /"demidroite" = "section of a line ending in one point and infinity"/ orthogonal to the axis T, penetrating into  $\bar{D}$  ) in the domain of their existence. This problem was posed by M. Krzyzanski.

"I have to express my thanks to M. J. Szarzki for his valuable remarks."  
Orig. art. has: 17 numbered equations and many unnumbered ones.

ASSOCIATION: none

SUBMITTED: 16Nov59

DATE ACQ: 20Mar64

ENCL: 00

SUB CODE: MM

NO REF SOV: 001

OTHER: 004

Card 2/2

LOHMANN, H.

The importance of methodology for the teaching of technical sciences. p.65  
(Nova Technika, Vol.2, no.3, Mar.1957) Praha

SO: Monthly List of East European Accession (EEAL) LC, Vol.6, no.7, July 1957. Uncr.

LOHMUS, L.

Manuring of acid soils with lime.

P. 299, (Sotsialistlik Pöllumajandus) Vol. 12, no. 7, July 1957, Tallinn, Estonia

SO: Monthly Index of East European Acquisitions (EEAI) Vol. 6, No. 11 November 1957

6Z-2

84

Use of green cores in steel founders. K. Lohner (Praglad Odense, 1951, 1, July—Aug., 191—200; *J. Iron Steel Inst.*, 1952, 170, 168).—The advantages of making steel castings with green cores, e.g., economy in fuel, space, and labour, and fewer faulty castings, are discussed. The production of such cores is outlined. Examples of different arrangements of mould and core are given, with information on methods of degassing and reinforcing cores and on the causes and prevention of faults. R. B. CLARKE.

LOHNER, Laszlo, 1980A1, 10A1

Electrostatic paintings in the plastics and other industries.  
Munkavedelem 10 no.10/1980:27-30 "A."

LOHONYAI, N. (Budapest, XI., Gellert ter 4); REDEY, L. (Budapest, XI.,  
Gellert ter 4)

Data on the electrochemical behavior of aluminum(I)-ions.  
Periodica polytechn chem 6 no.2:121-126 '62.

1. Lehrstuhl fur Anorganische Chemie, Technische Universitat,  
Budapest. Vorgelegt von Prof.Dr.J.Proszt.

LOHONYAI, Nandor; PROSZT, Janos

Examination of the thermogalvanic batteries consisting of  
the hydrochloric acid quinhydrone electrodes. Magy kem  
folyoirat 66 no.10:423-427 O '60.

1. Budapesti Műszaki Egyetem Szervetlen Kemial Tanszéke.
2. "Magyar Kemial Folyoirat" szerkeszto bizottsagi tagja  
(for Proszt).

HAVLICEK, Vladimir, Inz.; LOHR, Jiri Inz.

Urea-melamine adhesives. Brno 26 no 2:55-57 F 1961.

1. Research Institute of Synthetic Resins and Lacquers,  
Pardubice.

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930420007-6

JENEY, Ivan; LOHRIE, Friedrich; GROMZIG, K.H.

Automation and modern automatic electroplaters. Gap 15 nd.1:  
16-22 Ja '63.

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930420007-6"

*LOI, T.D.*

VISHNEVSKAYA, S.M.; UDOVICHENKO, G.S.; BIRYUKOVA, K.V.; GHERGIL'SKIY, V.L.;  
MUKVOZ, L.G.; RUBNITSKAYA, N.E.; KORNIYENKO, Ye.I.; GUREVICH, Ye.N.;  
PISARENKO, Ye.I.; GELLER, I.Yu.; LOI, T.D.; SHEVCHUK, M.K.;  
KHVALIBOVA, Ye.K.

Epidemiology and prevention of helminth infections in the region of  
construction of the Kakhovka hydroelectric project and the South  
Ukrainian Canal. Med. paraz. i paraz. bol. no.3:244-248 Jl-S '54.  
(MLRA 8:2)

1. Iz gel'mintologicheskogo otdela Ukrainskogo nauchno-issledovatel'skogo instituta malyarii i meditsinskoy parazitologii imeni prof. Rubashkina (dir. instituta I.A.Demchenko, zav. otdelom prof. Ye.S. Shul'man), iz epidemiologicheskogo otdela Kiyevskogo instituta epidemiologii i mikrobiologii (dir. instituta S.N.Terekhov, zav. otdelom dotsent Yu.Ye.Birkovskiy), iz kafedry biologii i parazitologii Dnepropetrovskogo meditsinskogo instituta (zav. kafedroy dotsent V.L. Gerbil'skiy), iz Zaporozhskoy oblastnoy protivomalyariynoy stantsii (zav. stantsiyyey I.P.Agafonov), iz Dnepropetrovskoy oblastnoy protivomalyariynoy stantsii (zav. stantsiyyey M.K.Shevchuk, iz Nikolayevskoy oblastnoy protivomalyariynoy stantsii (zav. stantsiyyey S.I.Ganyuni).

(HELMINTH INFECTIONS, prevention and control,  
Russia, on construction of waterways)

LOIDIS, A.P.[deceased]; PREOBRAZHENKIY, Yu.V., kand. geogr. nauk;  
KORZUN, V.I., red.; KEDROLIVANSKIY, V.N., prof., red.; ZAYNOV,  
B.D., doktor geogr. nauk, red.; GRIBANOV, N.N., kand. geogr.  
nauk, red.; SELEZNEVA, Ye.S., kand. fiziko-matem. nauk, red.;  
UKHANOV, V.V., kand. tekhn. nauk, red.; KUZ'MIN, L.D., red.;  
KOZITSKIY, N.I., red.; KONONOVA, L.B., tekhn. red.

[Instructions for hydrometeorological stations and posts] Nastav-  
lenie gidrometeorologicheskim stantsiam i postam. Leningrad,  
Gidrometeor.izd-vo. No.2. [Hydrometeorological observations at posts]  
Gidrometeorologicheskie nabliudeniia na postakh [Maritime hydro-  
meteorological observations] Morskie gidrometeorologicheskie nabliu-  
deniya. 1948. 114 p.

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye gidrometeorolo-  
gicheskoy sluzhby. (Meteorology, Maritime)

Metal cutting by pressure. Mor.i rech.flot 14 no.4:26 Ap '54.  
(MIRA 7:5)  
(Metal cutting)

LOIM, B.

LOIM, B.

Adopting a method of power cutting in shipyards. Mor. i rech.  
flot 14 no. 7:17-20 J1 '54. (MERA 7:?)  
(Metal cutting)

LOJ, A.

New technical school for brewing and malting plant apprentices.  
Kvasny prum 9 no. 12: 291 D '63.

1. Slovenske sladovne, n.p., Trnava.

LOJA, J.

Aleksandr Potebmia; a biographic sketch. Vestis Latv ak no.3:  
139-142 '61. (EEAI 10:9)

(Potebmia, Aleksandr Afanasevich)  
(Linguists, Russian)

LOJAN, Z.

LOJAN, Z. Let us learn to work better. p. 7. Vol. 9, No. 12, Mar. 1956.  
ROLNIK SPOLDZIELCA. Warszawa, Poland.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

LOJAS, Jerzy, mgr inz.

The way the management of the Klimontow mine has resolved the  
problem of industrial safety activists. Wiadom gorn 15 no. 4:  
129-133 Ap '64.

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930420007-6

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930420007-6"

Lojasiewicz, S. Sur un théorème de Kneser. Ann. Soc.

Pols. Mat. 24 (1951), no. 2, 148-152 (1951).

Consider  $\dot{x} = f(t, x, y)$ ,  $\dot{y} = g(t, x, y)$  where  $f$  and  $g$  are continuous and bounded in  $E^3$  (or appropriate assumptions for an open set in  $E^3$ ). Let  $Z$  be the "zone of ex. in" (i.e., union of all solutions through  $p_0$ ) from  $p_0 = (t_0, x_0, y_0)$ . Let  $Z\lambda$  be the trace of  $Z$  in the plane  $t = \lambda$ . Theorem: If there is a unique solution leading to the left ( $t \rightarrow -\infty$ ) from each boundary point of  $Z$  in  $t_0 \leq t \leq \lambda$ , then  $Z\lambda$  is a continuum whose complement is simply connected. The author proves this extension of a theorem of Kneser and indicates the validity of the statement for higher dimensions. Moreover, given a plane continuum  $Z\lambda$  which does not separate the plane, a (3-dimensional) differential equation is constructed for which this  $Z\lambda$  is the required trace. L. M. Lus.

Ljasićević, S.: On the formula of Green-Gauss-Gatrinaradsky

$\gamma_1(r)$  is defined parametrically over a set  $\Omega$  by  $X = X(u)$  where  $X \in R^n$  and  $R^{n+1}$ . Write  $F_{\mu\nu}$  for the Jacobian

$$\int_G f(x) dx = \int_\Omega f(X(u)) J(u) du$$

provided certain conditions on  $f$  are satisfied. The  
equation  $x = F(x)$  in a domain containing  $G$ . The reviewer  
was not able to follow all the details of the argument

H. G. Eggleston (Cambridge, England).

*Reacts*

Ljasićević, S.: On the formula of Green-Gauss-Gatrinaradsky

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APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930420007-6"

*Lojasiewicz, S.*

*Mikusinski, J.*

Equivalence is shown between this definition and the Schwartz definition (linear functionals on a space of testing functions). The proof of equivalence, and most of the theory of the present exposition, are close to material contained in the books of Schwartz but the definition of definite integral  $\int_a^b T dx$  (for some distributions  $T$ ) appears to be new [cf. the following review]. Here  $\int_a^b T dx = G(b) - G(a)$  whenever (i)  $T = G'$  and (ii)  $G$  coincides with a continuous point function locally at  $a$  and locally at  $b$ . Integration by parts, and Hadamard finite parts, are discussed for definite integrals of distributions.

Fourier series are also discussed for all distributions on  $(0, 2\pi)$ , using definite integrals of distributions.

*I. Halperin* (Kingston, Ont.).

*Lojasiewicz, S.; Wloka, J.; und Zielezny, Z.* Über eine  
Definiton des Wertes einer Distribution. Bull. Acad.  
Polon. Sci. Cl. III. 3 (1955), 479-481.

The following results are announced (proofs to appear in Rozprawy Matematyczne). Let  $f \in \mathcal{D}'(x)$  denote a distribution. I. The distribution-limit:  $\lim_{\epsilon \rightarrow 0} f(ex + x_0)$ , if it exists, is a constant function (coincides with  $f(x_0)$  if  $f$  is, in a neighborhood of  $x_0$ , a point function continuous at

M. K. S. H. S. K. J.  
 $\int_{x_0}^x f(x)dx$ . This limit is called the value of  $f$  at  $x_0$ , denoted  $f(x_0)$  (definition attributed to S. Lojasiewicz).  $\int_a^b f(x)dx$  is defined to be the value at 0 (if this exists) of distribution  $(F(x+b)-F(x+a))$  with  $F'=f$ . II. If  $F'=f$  and  $f$  has a value at  $x_0$ , then so does  $F$ . III. If  $f$  has values at  $a$  and  $b$ , then  $\int_a^b f(x)dx$  is defined. IV.  $\int_0^{2\pi} f(x)dx$  is defined if  $f(x+2\pi) \equiv f(x)$ ; and  $f(x) = \sum_{n=-\infty}^{+\infty} c_n e^{inx}$  with  $c_n = (2\pi)^{-1} \int_0^{2\pi} f(x) e^{-inx} dx$  [cf. the preceding review]. I. Halperin.

Zieleński, Z. Sur la définition de Lojasiewicz de la valeur d'une distribution dans un point. Bull. Acad. Polon. Sci. Cl. III. 3 (1955), 519-520.

On the real line  $-\infty < x < \infty$  let  $f \equiv f(x)$  denote a locally summable function,  $F$  a distribution and  $\varphi(x)$  a continuous function possessing derivatives of all orders and vanishing outside some finite interval. For fixed  $\alpha$  and  $\alpha \neq 0$  define  $f^{\alpha, \circ}$ ,  $F^{\alpha, \circ}$  and  $\varphi_{\alpha, \circ}$  as follows:

$$f^{\alpha, \circ}(x) = f(\alpha x + a), \quad \varphi_{\alpha, \circ}(x) = \frac{1}{\alpha} \varphi\left(\frac{x-a}{\alpha}\right) \text{ and } F^{\alpha, \circ}(\varphi) = F(\varphi_{\alpha, \circ})$$

for all  $\varphi$ . If  $F$  coincides with a function  $f$  then  $F^{\alpha, \circ}$  will coincide with  $f^{\alpha, \circ}$ . Always

$$(F^{\alpha, \circ})' = \alpha(F')^{\alpha, \circ}, \quad (F^{(k)})^{\alpha, \circ} = \frac{1}{\alpha^k} (F^{\alpha, \circ})^{(k)}$$

$$\text{if } F = f^{(k)}, \text{ then } F^{\alpha, \circ} = \alpha^{-k} (f^{\alpha, \circ})^{(k)}.$$

3/4

Mikusinski, J.

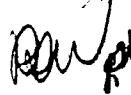
Theorem (attributed to S. Łojasiewicz, see the 2nd preceding review). If  $\lim_{x \rightarrow 0} F^{*,*}$  exists as a distribution  $T$  then  $T$  is a constant function (if  $F=f$  and  $f(x)$  is continuous at  $a$ , then  $T$  does exist and its constant value is  $f(a)$ ).

Proof.  $T^{\lambda,0}=T$  for all  $\lambda \neq 0$  follows easily from the definition of  $T$ . Hence  $T$  is of finite order,  $T=g^{(k)}$  for some continuous function  $g(x)$  and some integer  $k$  and

$$(*) \quad \lambda^k g(x) - g(\lambda x) = a_0(\lambda) + a_1(\lambda)x + \cdots + a_{k-1}(\lambda)x^{k-1}$$

a polynomial of degree  $\leq k-1$ . The author succeeds in showing that  $a_i(\lambda)$  is of the form  $c_i(\lambda' - \lambda^k)$  and hence that  $g(x)$  is a polynomial of degree  $\leq k$ . This implies that  $T=g^{(k)}=\text{constant function}$ .

I. Halperin (Kingston, Ont.).



**"APPROVED FOR RELEASE: 06/20/2000**

**CIA-RDP86-00513R000930420007-6**

## ANASTASIE WITZS

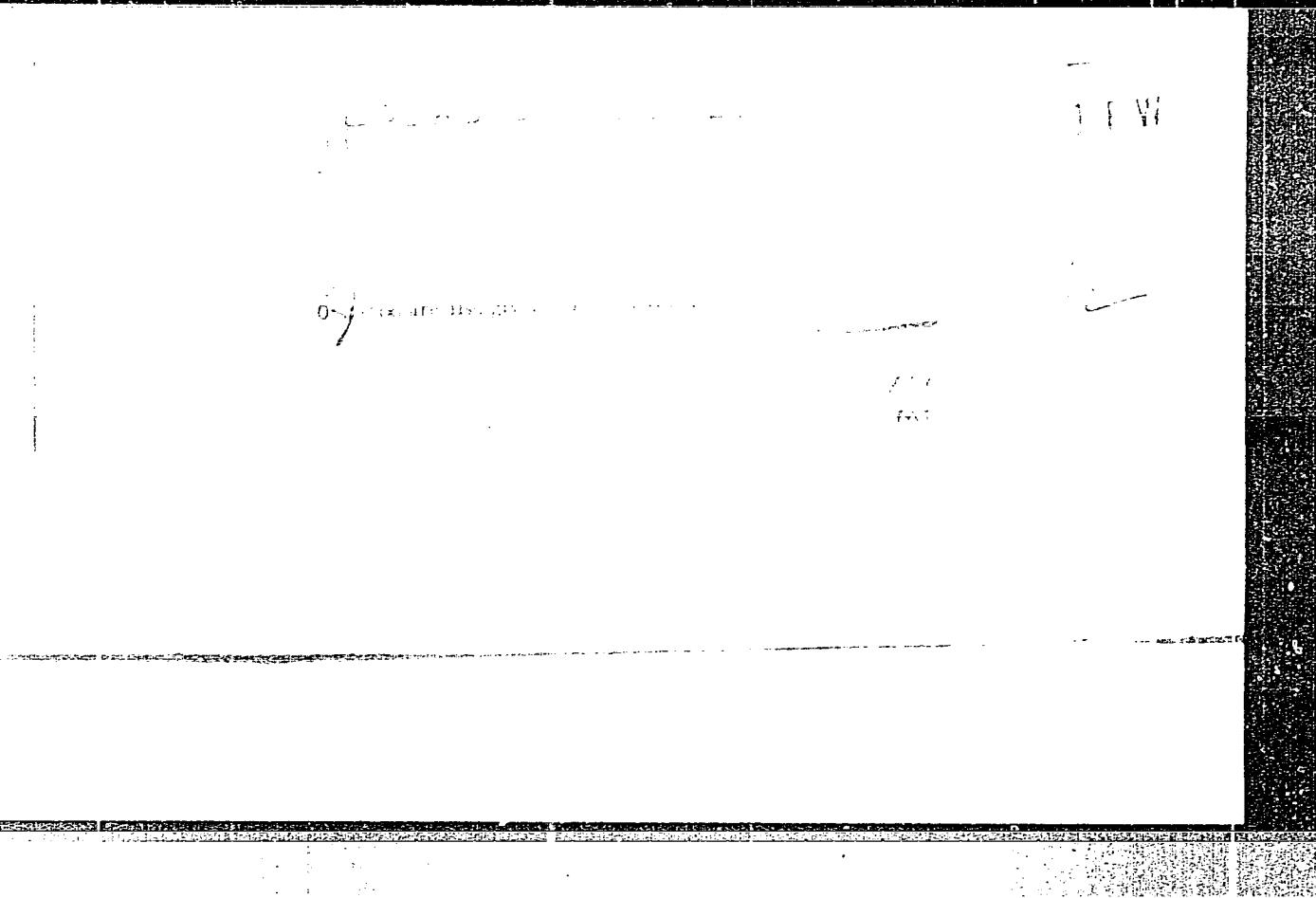
Engelsburg  
Montana

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CIA-RDP86-00513R000930420007-6"

1) *Homogeneous*

Definition: Let  $\Omega$  be an open set in  $\mathbb{R}^n$ . A function  $f$  is called homogeneous of degree  $m$  if  
for all  $x \in \Omega$  and  $\lambda \in \mathbb{R}$ ,  
the value  $f$  in the point  $\lambda x$  is equal to  
 $f(\lambda x) = \lambda^m f(x)$ .

is considered) is a function  $b(a, b)$  of  $a$  and  $b$ . The methods  
solve the problem of finding all functions  $f$  (satisfying  
suitable conditions) for which  $b(a, b)$  is homogeneous (of  
order zero). The solution of this problem is different for  
two different methods of solving it. The first method  
uses the theory of differential equations.

Gofish N. et. Polyakov A. et. Yudin V. et.

is considered as a function of  $x$  and  $t$ . It is required to solve the problem of finding all the functions which are suitable solutions of the differential equation of order zero. The solution is given in two parts. The first method is to find the solution of the equation and that  $f(x) \neq 0$ . Here the problem is reduced to the solution of the differential equation  $\frac{dy}{dx} = \frac{f(x)}{g(x)}$  which can be satisfied except perhaps for  $x = 0$ . The second method weaker assumptions are made namely  $f(x)$  supposed to exist and to be strictly monotonous. Then the problem is reduced to a system of two linear functions. After the method of calculating used therein will be partially explained. The method of solving the differential equations is given in the solution of the problem.

2

LOJASIEWICZ, S.

The value and limit of a distribution in one point. In French.

P. 1 (STUDIA MATHEMATICA) Poland, Vol. 16, No. 1, 1957

SO: Monthly Index of European Acquisitions (A/I) Vol. 3, No. 11, November 1957

LOJASIEWICZ, S.

The sixation of variables in a distribution. In French. p. 1.

STUDIA MATHEMATICA. (Polska Akademia Nauk) Warszawa, Poland. Vol. 17, no. 1, 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 1, Jan. 1960.

Uncl.

LOJASIEWICZ, S.

On the problem of division. In French p. 87.

STUDIA MATHEMATICA. (Polaka Akademia Nauk) Warszawa, Poland, Vol. 1<sup>o</sup>, no. 1,  
1959.

Monthly List of East European Accessions (EEAI) Vol. 9, no. 1, Jan. 1960.  
<sup>U</sup>

Uncl.

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930420007-6

LOJASIEWICZ, S.

On the problem of division. Rozprawy matematyczne 22:3-55 '61.

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930420007-6"

ŁOJCZIK-KROLIKIEWICZ, I. (Krakow)

Certain evaluations of solutions of Fourier problems relative  
to an equation of the parabolic type. Annales Pol math 13  
no.3:213-219 '63.

LOJCZYK-KROLIKIEWICZ, I.

Limit properties of solutions of Fourier problems relating to an equation of the parabolic type almost linear. Bul Ac Pol mat 8 no.9:597-603 '60.

1. Instytut Matematyczny, PAN. Presented by T. Wazewski.

(Fourier's series)

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930420007-6

IOJCZYK-KROLOKIEWICZ, I. (Krakow)

Asymptotic solution of problems of Fourier relative to normal  
linear equations of the parabolic type in the space  $\mathcal{E}^{-\alpha}$ ,  
Annales Pol math 14 no. 1: 1-12 '63.

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930420007-6"

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930420007-6

LOJCZYK-KROLIKIEWICZ, I. (Krakow)

Unicity and limitations of solutions of Fourier problems relative  
to parabolic equations with unbound coefficients. Annales Pol  
math 40 no. 1:33-41 '64.

\*

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CIA-RDP86-00513R000930420007-6"

LOJDA, F.

The problem of water in the technology of laminated thermoset insulating materials. p. 415.  
(Elektrotechnicky Obzor, Vol. 45, no. 8, August 1956. Czechoslovakia)

SO: Monthly List of East European Accessions. (EEAL) LC. Vol. 6, No. 6,  
June 1957. Uncl.

LOJDA, F.

A review of theoretical and practical studies on condenser type connectors.

(Supplement). p. T35.

(Elektrotechnicky Obzor. Vol. 46, no. 6, June 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

LOJDA, F.

Condenser bushings. p.334

ELEKTROTECHNICKY OBZOR. (Ministerstvo tezkeho strojirenstvi a Ceskoslovenske  
vedecka technicka spolecnost pro elektrotechniku pri Ceskoslovenske akademii  
ved) Praha, Czechoslovakia  
Vol.48, no.6, June 1959

Monthly List of East European Accessions (EEAI) LC, Vol.8, no.11  
Nov. 1959  
Uncl.

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930420007-6

LOJDA, Frantisek, inz.

Transformer bushings for 750 kV. El tech obzor 51 no.11:609 N 162.

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930420007-6"

CZECHOSLOVAKIA

LOJDA, L.; Research Institute of Veterinary Medicine (Vyzkumny Ustav Veterinarniho Lekarstvi), Brno - Medlanky.

"The Use of a Cytogenetic Method in the Study of Congenital Anomalies in Animals."

Prague, Veterinarni Medicina, Vol 11, No 7, Jul 66, pp 467 - 471

Abstract [Author's English summary modified]: Testicular hermaphroditism in a pig is described. The animal was employed as a teaser boar for heat detection in artificially inseminated sows. Postmortal findings revealed the presence of a macro- and microscopically unchanged uterus and a smaller vagina. The male genital organs were small, epididymes were enlarged. Presence of 2X chromosomes was determined by karyotype examination in the compiling of the idiogram. This gives evidence of the gametic determination of the female sex. No numeric deviations in the autosomes were found. 3 Figures, 9 Western, 6 Czech, 2 East German references. (Manuscript received 11 Feb 66).

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CZECOSLOVAKIA

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"Study of Ovarial Activity in Breeding Cows."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 5, Sep 66, p 384

Abstract: Estrual cycle of heifers was investigated by clinical and laboratory diagnosis methods. The average length of the cycle was 21.9 days; cold increases the length of the cycle. The influence of cold increases the length by 7.4 days. Influence of morphological changes in the ovaries on periodic cycles is discussed. No references. Submitted at 3 Days of Physiology of Domestic Animals at Liblice, 10 Dec 65.

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Data: "The Tasks of the Veterinarians in Selecting Animals for Breeding  
and Their Tasks in Animal Breeding and Husbandry."

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